

Datum on benchmarks

All benchmarks with a Township name and number are on 1929 datum:.

All benchmarks with a four-digit number are on 1988 datum:

WARREN 3

General coordinates: 6000E & 3400N ¼ mi. W of Arlington on 34th Street: Pogue's Run area

Sec. 22-16-4: USC & GS BM standard bronze disk, stamped F-4, square cut in W end of the S sidewalk of Warren Township Bridge No. 2.

ELEV. 826.79

NOTE: Dan Hannan of Hannan, Meek & Cordill checked into this bench mark from USC & GS BM R-235 at Arlington Avenue and Big Four RR, August 5, 1958: Ck'd '94

ELEV. 827.00

WARREN 4

General coordinates: 6000E & 2500N

Sec. 27-16-4: USC & GS BM, CCC & St. L RR & Pogues Run, Run in from USC & GS F-4, top of a rivet in the NE wingwall of railroad bridge.

ELEV. 822.09

WARREN 5

General coordinates: 5100E & 3200N

Sec. 22-16-4: CCC & St. L RR & 32nd Street & Emerson Avenue area, USC & GS BM standard bronze disk stamped F-4 reset 1949, on the SE abutment of the underpass, highway crossing about 1/4 mile E of Emerson Avenue on the CCC & St. L RR.

ELEV. 825.236

WARREN 7

General coordinates: 5500E & 3000N

Sec. 22-16-4: USC & GS BM, 30th Street & Ritter Avenue, Run in from USC & GS BM F-4, a chiseled square on the S end of the W handrail of box culvert on Ritter Avenue.

ELEV. 823.37

WARREN 15

General coordinates: 3500N & 10500E

Sec. 21-16-5: The NW corner of the 3rd step down on the NE wing of the CCC & ST. L Railroad bridge over Franke Ditch.

ELEV. 839.25

WARREN 17 Destroyed 8/30/05 TG

General coordinates: ~~2500N & 10500E~~

Sec. ~~28 16 5~~: USC & GS County BM, ~~25th Street & Grassy Creek, a chiseled square on the top of the SW wingwall of the bridge over Grassy Creek.~~ ELEV. ~~832.31~~

WARREN 18 Destroyed 8/30/05 TG

General coordinates: ~~2100N & 10500E~~

Sec. ~~33 16 5~~: USC & GS BM, ~~21st Street & Grassy Creek, a chiseled square on the SW corner of the handrail on the bridge over Grassy Creek.~~

ELEV. ~~832.07~~

WARREN 29 Destroyed 8/31/05 TG

General coordinates: ~~1000N & 8000E~~

Sec. ~~1 15 5~~: County BM, ~~10th Street & Franklin Road, Topo Map pg.43, a bolt in an L-shaped headwall at the SW corner of the intersection.~~

ELEV. ~~863.474~~

WARREN 32 Destroyed 8/31/05 TG

General coordinates: ~~950E & 100S~~

Sec. ~~5 15 5~~: County BM, ~~a chiseled square in the top of the SW wingwall of the US 40 bridge over Grassy Creek.~~ ELEV. ~~825.47~~

WARREN 35 Destroyed 8/31/05 TG

General coordinates: ~~500S & 5500E~~

Sec. ~~10 15 4~~: USC & GS BM, ~~1945, English Avenue & US 52, a chiseled square, in point of "V" at the intersection on the base of a Gulf Gasoline Sign Post.~~ ELEV. ~~814.53~~

WARREN 35A Destroyed 8/31/05 TG

General coordinates: ~~6300E & 1100S~~

Sec. ~~11 15 4~~: County BM set in the concrete walk at the NW corner of the General Electric Plant, (a one-story brick building) in the 6300 block of Brookville Road. ELEV. ~~830.73~~

WARREN 36A Destroyed 8/31/05 TG

General coordinates: ~~6000E & 500S~~

Sec. ~~11 15 4~~: County BM, ~~91 M 1945, Arlington & RR tracks, Run in from W 36 MCS, the NE corner of the top of slab on the N porch of the house 41' S of the RR and 87' from the centerline of Arlington Avenue.~~

ELEV. 825.18

WARREN 36B

General coordinates: 6000E & 500S

Sec. 11-15-4: Arlington Avenue & English Avenue, TBM, a chiseled square in the SE corner of a concrete base for a RR signal post, in the NW corner of the intersection of the RR tracks and Arlington Avenue, 22' W of the centerline of Arlington Avenue, 12' N of the N edge of the N rail of the railroad tracks. Run in from W-36A MCS.

ELEV. 827.65

WARREN 37

General coordinates: 500S & 7375E

Sec. 12-15-4: USC & GS BM, English Avenue and PCC near Shortridge, 1945, a chiseled square, painted, 170' E of Shortridge Road, 35' N of English Avenue, 60' NE of Penn RR crossing on the base of the light signal #1822.

ELEV. 834.17

WARREN 38 (verified by MCS 2-28-07)

General coordinates 8000E & 500S

Section 12-15-4: USC & GS A bronze disc in concrete post 90M 860, 1945, re-set 1963: in the northwest quadrant and intersection of Franklin Road and Rawles (also known as English Avenue) 45' +/- West of centerline of Franklin Road and 52.5' +/- south of centerline of Rawles (English) address 450 S. Franklin Road. Also, it is 46.42' west of the W Q corner of 7-15-5.
Run in from W-151 MCS '77.

ELEV. 861.77

WARREN 38A Destroyed 8/30/05 TG

~~General coordinates: 500S & 8900E~~

~~Sec. 7-15-5: Rawles Avenue and Boehning Street, a chiseled square on the SW corner of a "U" shaped headwall on the S side of Rawles at Boehning.~~

~~ELEV. 854.94~~

WARREN 38B Destroyed 8/30/05 TG

~~General coordinates: 1821S & 9000E~~

~~Sec. 18-15-5: 1821 S. Post Road, a chiseled square at the SE corner of the entrance to the Baird Realty Company, on the concrete sidewalk at the NW corner of the building.~~

~~ELEV. 855.49~~

WARREN 40 Destroyed 8/30/05 TG

~~General coordinates: 500S & 10000E~~

~~Sec. 9-15-5: USC & GS BM 89M 845, 1945, Rawles & Mitthoefer, a concrete post 15' E of Mitthoefer~~

Road, 5' N of the centerline of Rawles Avenue, extended, 9' N of IPL Pole #40-581C. ELEV. 845.418
'80 ELEV. 845.26

REFERENCE MARK: copper nail and washer, 25' S of the tablet, 15' E of Mitthoefer Road, in root on W
side of 14" Maple Tree.

ELEV. 844.76

WARREN 43 DESTROYED 8/30/05 TG

General Coordinates: 1100S & 10000E

Sec. 9-15-5: USC & GS BM Prospect Street & Mitthoefer Road, 1945, not stamped, 3" iron pipe with
brass cap, 55' N of Prospect Street and 20' E of Mitthoefer Road.

ELEV. 829.99

WARREN 44 Destroyed 8/31/05 TG

General coordinates: 2200S & 8000E

Sec. 18-15-5: County BM, 1934, Topo map pg. 38, Raymond Street and Franklin Road, 4/10 mile N of
Raymond Street, a bolt in the N end of the E handrail of Warren Bridge #78 on Franklin Road, 1/4 mile S
of US 52.

ELEV. 857.12

WARREN 46 Destroyed 8/31/05 TG

General coordinates: 2200S & 10100E

Sec. 16-15-5: USC & GS BM, 1945, US 52 & Bade Road, a bolt head within a chiseled square, painted,
110' N of US 52 on the W side of Bade Road on the S end of the W headwall, concrete culvert.
(Elevation is 0.2 off).

ELEV. 815.13

WARREN 46A Destroyed 8/31/05 TG

General coordinates: 10000E & 3000S

Sec. 21-15-5: Davis Road & Troy Avenue, cut 'x' on the NW corner of the NE headwall of a 6'x16' box
culvert at the NE corner of Davis Road and Troy Avenue.

ELEV. 829.72

WARREN 53 Destroyed 10/10/05 TG

General coordinates: 2200S & 11500E

Sec. 22-15-5: Julietta Infirmary: USC & GS County BM 103-M, bolt in SW corner of areaway on S side
of main building, 270' E of SW corner of new building and 20' W of the junction of old and new building.

ELEV. 840.31

WARREN 54 Destroyed 10/10/05 TG

General coordinates: 2200S & 11500E

~~Sec. 15-15-5: USC & GS County BM, 103 M, US 52 and Marion Hancock County Line, a bolt in the SW wingwall, 1' S of the handrail, on bridge 130' S of a road running E; the NE corner of Julietta Grounds.~~
~~ELEV. 826.01~~

WARREN 58

General coordinates: 1600N & 6500E

Sec. 35-16-4: County BM, 1948, 16th Street & Pleasant Run, Run in from USC & GS W-26, 1948, a bolt head on the W end of the S handrail of the bridge over Pleasant Run.

ELEV. 821.41

WARREN 58A

General coordinates: 1600N & 6500E

Sec. 35-16-4: Indiana Flood Control and Water Resources Comm, standard bronze tablet, stamped MAR 137, 1960, about 3.75 miles SW of Lawrence, at the 16th Street bridge over Pleasant Run, at a 36" sewer outlet at the SW corner of the bridge, set in the top of the "V" shaped top of the sewer, 50' E of the centerline of Pleasant Run Pkwy N. Dr., 35' S of the centerline of 16th Street, 3' below the parkway drive.

ELEV. 813.655

WARREN 65

General coordinates: 3800N & 6500E

Sec. 14-16-4: USC & GS BM standard, bronze disk stamped Q235, 1947, CCC & ST. L. Railroad & 38th Street, 2.0'SW along the NYC RR from the station at Lawrence, 4 rails SW of SR 67 overpass, at a 9'x4' concrete box culvert 459, in the top of the NE end of the NW headwall, 7.1' NW of the NW rail and 0.5' lower than the track.

ELEV. 845.536

Meters. 257.720

WARREN 67

General coordinates: 3000N & 12000e

Sec. 22-16-5: USC & GS BM standard bronze disk, stamped Z 237, 1947, 30th Street and Hancock County Line Road, NW corner of the intersection, 50' N of the centerline of 30th Street, and 16' W of the centerline of County Line Road, 31' N of a fence corner, 3' N of telephone pole # A-142/1, 1' E of a fence line.

ELEV. 863.559

Meters 263.2137

WARREN 69

NEW NUMBER WARREN 7004

General coordinates: 1000N & 11700E

Sec. 3-15-5: USC & GS BM standard bronze disk, stamped B 238, 1948, 10th Street and Cumberland Road, 30' W of the centerline of Cumberland Road and 23' S of the centerline of E. 10th Street, 6' NW of power pole #32-521F.

ELEV. 856.211

Meters 260.9740

ELEVATION 260.842 METERS NAVD '88

WARREN 70

NEW NUMBER WARREN 7007

General coordinates: 100S & 12000E

Sec. 3-15-5: USC & GS BM, standard bronze disk, stamped C 238, 1947, US 40 and Marion-Hancock County Line roads, SE corner of the junction, set in the top of the S end of an "L" shaped concrete headwall of a box culvert, 51' S of the S edge of the highway pavement, 16 1/2' E of the centerline of the Marion-Hancock County Line Road, about 4 1/2' below the highway level (eastern limits of Cumberland).
ELEV. 838.360

Meters 255.5331

ELEVATION 255.401 METERS NAVD '88

WARREN 71 Destroyed 8/31/05 TG

~~General coordinates: 12000E & 200S~~

~~Sec. 3-15-5: USC & GS BM, standard disk, stamped D 238, 1947, County Line Road over Buck Creek, about .35 miles S of US 40 on the Marion-Hancock County Line Road bridge over Buck Creek, in the S end of the W concrete base of the railing, 2.5' N of the S end, 9.0' W of the centerline of the road, about 1 1/2' above the level of the bridge floor at the SW wingwall.~~

~~ELEV. 828.567~~

~~Meters 252.5481~~

WARREN 72

NEW NUMBER: WARREN 7006 NAVD '88

General coordinates: 1100S & 12000E

Sec. 15-15-5: USC & GS BM, standard disk, stamped E 238, 1947, Prospect Street and Marion-Hancock County Line road, 35' S of the centerline of Prospect Street, 18' W of the centerline of the County Line Road, 18' S of a fence corner, 14' S of a telephone pole # B-285, 1' E of a fence line, about 1' below level of the road. ELEV. 839.489

Meters 255.8771

ELEVATION 255.744 METERS NAVD '88

WARREN 73

General coordinates: 12000E & 2200S

Sec. 22-15-5: USC & GS BM, standard disk, stamped F 238, 1947, County Line Road at Julietta, about .45' N of US 52, 112' S of the centerline of Hancock County Line Road going E, in the top of the NE wingwall of a 20' concrete bridge over the Brier Ditch, 9' E of the centerline of County Line Road, 0.8' N of the N end of the concrete bridge railing, 1' above the road level.

ELEV. 825.940

Meters 251.7474

WARREN 74

General coordinates: 5500E & 200S

Sec. 3-15-4: USC & GS BM, standard disk, stamped Z 242, 1947, Ritter Avenue and Washington Street, at the SW corner of the intersection set vertically in the N face of the NE corner of Public School # 57 building, 1' W of the corner, 2 1/2' above the ground.

ELEV. 818.090 Meters 249.3546

WARREN 77

General coordinates: E8300 & 200S

Sec. 6-15-5: USC & GS BM, standard disk, stamped C 243, 1947, Devon Avenue and Washington Street, set in the top of the NW wingwall of a 15' concrete bridge over Springer Ditch, 28 1/2' N of the centerline of the W bound traffic lane, 90' E of the centerline of Devon Avenue, about level with the highway. (New elevation as per 1951 adjustment G.Kent 11/79).

ELEV. 844.756

Meters 257.482

WARREN 77A

General coordinates: 9500E & 200S

Sec. 5-15-5: County BM, Washington Street and Morris Ditch, a chiseled square on the E end of the S headwall of box culvert at Washington Street crossing of Morris Ditch, 100' E of Wittfield. Run in from W 77 by MCS.

ELEV. 848.01

WARREN 82

Hancock: USC & GS BM, standard disk stamped J 243, 1947, Hancock County Line 1 mile E of Marion County on Washington Street, about 1.2 miles E along Washington Street from the Post Office at Cumberland, at the NE angle of the intersection with a N-S gravel road, 39' N of the N edge of Washington Street pavement, 69' E of the centerline of the cross road, 30.5' E of a fence corner, 27' E of a telephone pole #35, 1' S of the fence line, 1' below the highway level.

ELEV. 855.960

Meters 260.8976

WARREN 85

NEW NUMBER: WARREN 7005

General coordinates: 11000E & 100S

Sec. 4-15-5: USC & GS BM standard disk, stamped H 243, 1947, German Church and Washington Street, set vertically in the E face of the SE corner of the St. John Evangelical and Reformed Church Building, 1.6' N of the corner and 2.2' above the ground.

ELEV. 859.635

Meters 262.0178

ELEVATION 261.933 METERS NAVD '88

WARREN 86

General coordinates: 1800N & 9000E

Sec. 31-16-5: Run in from USC & GS BM F-243, Warren 79, a cut square in concrete on the NE corner of the NE wingwall of the bridge on 18th Street over Springer Ditch, 200' W of Post Road, on the N side of 18th Street.

ELEV. 859.96

WARREN 87

General coordinates: 11500E & 1100S

Sec. 15-15-5: Run in from USC & GS, Warren 72, E 238, 1947, a square cut at the NE corner of the N sidewalk of the Prospect Street bridge over Buck Creek.

ELEV. 820.080

WARREN 88

General coordinates: 2200S & 10900E

Sec. 21-15-5: A railroad spike driven through an aluminum tag, stamped "TBM BC 32, 1959", about 3.1 miles SW of Cumberland, 2.94 miles S along the Hancock-Marion County line road from its junction with US 40 at the E edge of Cumberland to a crossroad (US 52); thence 1.43 miles NW along US 52 to a T-road (Senour Road); thence 0.45 miles S along Senour Road to a house on the W side of the road, set in the NW side of a 22" Maple Tree, 55' NW of a telephone pole #6, 13' E of the centerline of the road, 8' N of the centerline of the N entrance drive to the house, 2' above the roadway.

ELEV. 843.343

WARREN 91

General coordinates: 2200S & 12000E

Sec. 15-15-5 A chiseled square painted white, about 2.55 miles S of Cumberland, 0.75 miles NW along the B & O RR from its crossing of the Hancock-Marion County Line Road (0.15 miles N of US 52) to the B & O RR bridge # 67 over Buck Creek, set in the top of the first step at the N end of the W stone abutment, 7' N of the N rail of the track, 1.5' below the tracks, 0.9' W of the E face of the W abutment.

ELEV. 816.025

WARREN 92

General coordinates: 2200S & 12000E

Sec. 15-15-5: A railroad spike driven through an aluminum tap, stamped "TBM BC 34, 1959", about 1.95 miles SW of Cumberland, 1.45 miles S along the Hancock-Marion County Line road, from its junction with US 40 at the E edge of Cumberland to a crossroad (Prospect Street); thence 1.0 mile W along Prospect Street to a crossroad (German Church Road); thence 0.34 miles S along German Church Road, to the house number of 1509, set in the W side of a power pole #59 & 13-581E, 85' N of the centerline of the driveway to the above residence of RR #10, Box 412, 11.5' E of the centerline of the road, 5.2' W of a T-fence corner post and fence line, 0.5' above the roadway.

ELEV. 835.275XXX

(1980) 835.13

WARREN 93

General coordinates: 1500S & 12000E

Sec. 10-15-5: A chiseled square, marked "TBM BC 35, 1959", about 1.45 miles S of Cumberland, 1.45 miles S along the Hancock-Marion County line road from its junction with US 40 at the E edge of Cumberland to a crossroad (Prospect Street); thence 0.47 miles W along Prospect Street to the Prospect Street bridge over Buck Creek, at the NE corner of the bridge, set in the top of the E end of the N guardrail base, 17' N of the centerline of the road, 0.8' above the roadway, 0.3' S of the N edge of the bridge, 0.3' W of the E end of the bridge.

ELEV. 820.129

WARREN 98

General coordinates: 11000E & 2200S

Sec. 16-15-5: TBM GC 4, 1959, a chiseled triangle painted white, about 2.5 miles SW of Cumberland, 1.36 miles NW along the B & O RR from its crossing of the Hancock-Marion County Line Road (0.15 miles N of US 52) to the B & O RR bridge # 68 over Grassy creek, set in the top of the first step at the S end of the E stone abutment, 6.5' S of the S rail of the track, 1.5' below the tracks, 1.0' E of the W face of the E abutment.

ELEV. 815.497

WARREN 101

General coordinates: 5500E & 500N

Sec. 3-15-4: Indiana Flood Control and Water Resources, standard bronze disk, stamped MAR 132 1959, at the N Ritter Avenue bridge over Pleasant Run, set in the top of the E handrail at the SE corner of the bridge, 26.3' E of the centerline of the bridge, 3.8' above the walkway, 1.9' N of the S end of the E handrail.

ELEV. 798.486

WARREN 101A Destroyed 8/31/05 TG

General coordinates: 1525N & 5500E

~~Sec. 34-16-4: County BM, run in from W-101, the NW corner of the step at the main entrance of the two-story portion of the Lutherwood Building at 1525 N. Ritter Avenue.~~

~~ELEV. 819.30~~

WARREN 104

General coordinates: 6000E & 500N

Sec. 3-15-4: A bronze reference mark tablet, not stamped, 1959, at the N Arlington Avenue bridge over Pleasant Run, set in the top of the W handrail at the NW corner of the bridge, 28.7' W of the centerline of the bridge, 23.1' S of the N end of the W handrail, 2.9' above the top of the W walkway. ELEV. 798.868

WARREN 105

General coordinates: 500N & 6000E

Sec. 2-15-4: USC & GS BM 2 a bronze standard benchmark tablet, not stamped, 1959, at the N. Arlington Avenue bridge over Pleasant Run, set in the top of the E handrail at the SE corner of the bridge, 28.4' E of the centerline of the bridge, 23.1' N of the S end of the E handrail, 2.9' above the top of the E walkway. ELEV. 800.070

WARREN 106

General coordinates: 6000E & 500N

Sec. 2-15-4: Indiana Flood Control and Water Resources Comm, standard bronze disk, stamped MAR 135, 1959, at the N Arlington Avenue bridge over Pleasant Run in the NE quarter of the crossing, set in the top of a 2'x2' concrete block with a metal plat on the W side reading "Built by James I. Disette" the block appears to be the top of the N end of a partially destroyed and abandoned dam across Pleasant Run, 245' E of the E side of the Arlington Avenue, bridge over Pleasant Run, 21' S of the centerline of a golf course road leading E from Arlington Avenue, on the N side of Pleasant run, 0.7' above the ground. ELEV. 795.477

WARREN 107

General coordinates: 1000N & 6500E

Sec. 2-15-4: A painted chiseled triangle, 1960, about 4.5 miles SW of the town of Lawrence, about 0.25 miles S along Pleasant Run Parkway, from its junction with 10th Street at the junction of Pleasant Run and Springbrook S. Drive set in the top at the S end of the W headwall of a 6' box culvert over Springbrook, 120' N of the junction of Springbrook S Drive 23' W of the centerline of the road, 12' S of an iron street light, 0.8' above the road, 0.65' N of the S end of the W headwall of the culvert. ELEV. 805.057

WARREN 108

General coordinates: 6500E & 1000N

Sec. 35-16-4: Indiana Flood Control and Water Resources Comm, standard bronze disk, stamped MAR 136, 1960, about 4.3 miles SW of the town of Lawrence, at the E. 10th Street 1 span steel girder bridge over Pleasant Run, set in the top at the NW corner of the E bridge seat, 58' W of the centerline of E Pleasant Run Parkway S Dr., 16' N of the centerline of 10th Street, 3.5' below the roadway, 0.85' S of the

N end and 0.7' E of the W face of the E bridge seat.

ELEV. 808.207

WARREN 109

General coordinates: 1000N & 6500E

Sec. 35-16-4: A painted chiseled triangle, marked TBM PR 4, about 4.0 miles SW of the town of Lawrence, about 3.0 miles N along E Pleasant Run Pkwy S Dr from its junction with 10th Street (between 10th and 16th Streets) set in the top of the NE wingwall of an 8' "V" shaped culvert over Warren Creek, 18' E of the centerline of the road, 3.9' SW of the NE end of the NE and SW part of the "V" in the "V" shaped culvert top, 0.7' below the road.

ELEV. 815.104

WARREN 110 Destroyed 9/13/05 TG

General coordinates: 1600N & 6750E

~~Sec. 35-16-4: A painted chiseled triangle, marked TBM PR 5, about 3.8 miles SW of the town of Lawrence, about 0.12 miles S along Edmondson Avenue from its junction with 16th Street, at a 10' box culvert over Warren Creek, set in the top at the N end of the W headwall of the culvert, 31' N of IPL & Co power pole #111-517A, 21' W of the centerline of the road, 1.0' above the road, 0.8' S of the N end of the W headwall of the culvert.~~

~~ELEV. 823.430~~

WARREN 111

General coordinates: 1600N & 7000E

Sec. 35-16-4: Indiana Flood Control and Water Resources Comm, standard, bronze disk stamped MAR 138, 1960, about 3.65 miles SW of the town of Lawrence, 0.05 miles S along SR 100 (Shadeland Avenue) from its intersection with 16th Street at the SR 100, 6' box culvert over Warren Creek, set in the N end of the W headwall of the culvert, 30' W of the centerline of the S line of traffic of SR 100, 3' below the road, 1.0' S of the N end of the W headwall, 0.6' below the top of the headwall. ELEV. 828.709

WARREN 112 Destroyed 9/13/05 TG

General coordinates: 1600N & 7000E

~~Sec. 36-16-4: A painted chiseled triangle, marked TBM PR 6, about 3.6 miles SW of the town of Lawrence, 0.15 miles E along E. 16th Street from its intersection with SR 100 (Shadeland Avenue) at the E. 16th Street 15' concrete bridge over Warren Creek, set in the top at the N end of the E bridge seat, 75' E of the centerline of Coolidge Road, 15' N of the centerline of 16th Street, 0.8' below the road.~~

~~ELEV. 833.643~~

WARREN 113 Destroyed 9/13/05 TG

General coordiantes: 1600N & 7000E

~~Sec. 36-16-4: A painted blue chiseled cross, marked TBM #1, 1960, about 3.6 miles SW of the town of Lawrence, 0.22 miles E along 16th Street from its intersection with SR 100 (Shadeland Avenue) at the 16th Street 15' concrete bridge over Warren Creek, set in the top at the W end of the N headwall, 90' E of the centerline of Elmhurst Drive, 13' N of the centerline of 16th Street, 0.3' E of the W end of the N headwall, 0.2' above the road. ELEV. 836.181~~

WARREN 114 Destroyed 9/13/05 TG

General coordinates: 1600N & 7000E

~~Sec. 36-16-4: A painted blue chiseled square corner, marked TBM #2, 1960, about 3.6 miles SW of the town of Lawrence, 0.36 miles E along 16th Street from its intersection with SR 100 (Shadeland Avenue) at the 16th Street 15' concrete bridge over Warren Creek, 600' E of Shortridge Road, set in the top at the W end of the N headwall, 13' N of the centerline of the road, 0.6' above the road, the SW corner of the N headwall. ELEV. 842.143~~

WARREN 115

General coordinates: 1600N & 7000E

Sec. 25-16-4: A chiseled square marked TBM PR 9, 1960, about 3.6 miles SW of the town of Lawrence, 0.36 miles E along 16th Street from its intersection with SR 100 (Shadeland Avenue) at the 16th Street 15' concrete bridge over Warren Creek, 600' E of Shortridge Road, set in the top of the S guardrail of the bridge, 14' S of the centerline of the road, 7.3' E of the W end of the S guardrail, 3.5' above the road. ELEV. 844.641

WARREN 116

General coordinates: 1600N & 7000E

Sec. 35-16-4: USC & GS stream gaging station, standard disk, unmarked, 1960, about 3.4 miles SW of the town of Lawrence, at the SR 100 (Shadeland Avenue) 80' concrete bridge over Pleasant Run, set in the top at the SW corner of the NW headwall of a 15" pipe culvert under SR 100, 70' N of the centerline of Pleasant Run parkway, 45' W of the centerline of the S lane of traffic of SR 100, 6' below the road, 1.2' NE of the SW end of the NW headwall of the culvert. ELEV. 822.456

WARREN 117

General coordinates: 7000E & 1600N

Sec. 35-16-4: Indiana State Highway Commission, standard benchmark stamped MAR G-29, 1960, about 3.4 miles SW of the town of Lawrence, at the SR 100 (Shadeland Avenue) 80' concrete bridge over Pleasant Run, set in the top of the W sidewalk of the bridge, 150' N of the centerline of Pleasant Run Parkway, 30' W of the centerline of the S lane of traffic of SR 100, 25' N of the S end of the W guardrail of the bridge, 1.0' W of the E side of the sidewalk, 0.8' above the road. ELEV. 828.815

WARREN 119 Destroyed 9/13/05 TG

General coordinates: 2100N & 7000E

Sec. 25-16-4: Indiana Flood Control and Water Resources Comm, standard bronze disk, stamped MAR 139, 1960, about 3.1 miles SW of the town of Lawrence, 0.13 miles E along 21st Street from its intersection with SR 100 (Shadeland Avenue) at the 21st Street 45' concrete arch bridge over Pleasant Run, set in the top at the W end of the N guardrail of the bridge, 15' N of the centerline of the road, 9' E of the W end of the N guardrail, 2.7' above the roadway.

ELEV. 835.738

WARREN 120 Destroyed 9/13/05 TG

General coordinates: 2100N & 7000E

Sec. A painted chiseled triangle, about 3.0 miles SW of the town of Lawrence, 0.75 miles E along 21st Street from its intersection with SR 100 (Shadeland Avenue) 0.25 miles W of the junction of N. Franklin Road, at the 21st Street 21' rectangular culvert over Warren Creek, 45' W of the centerline of Eastwood Place, 15' N of the centerline of the road, 3.3' above the road, 0.4' W of the E end of the N guardrail.

ELEV. 862.364

WARREN 121A Destroyed 9/13/05 TG

General coordinates: 3218 N & 6050E

Sec. 23-16-4: County BM established from USC & GS BM 79 M 842, 1945, at the SE corner of the concrete patio at the SE corner of Parsonage 3218 N. Webster.

ELEV. 844.50

WARREN 122

General coordinates: 2200S & 7500E

Sec. 24-15-4: Fishers Road over I-74, State Highway benchmark, metal disk marked G-60, located 18' N of the S edge of Fisher Road bridge over I-74 in the W sidewalk.

ELEV. 873.70

WARREN 123

General coordinates: 9000E & 2100N

Sec. 29-16-5: Indiana State Highway Commission BM standard bronze tablet stamped MAR G-189, in the N end of the E curb of Post Road bridge over I-70; 16.5' S of the N end of the curb. ELEV. 890.43

WARREN 123A

General coordinates: 1600N & 9031E

Sec. 32-16-5: Run in from W 123, MCS 12-11-76, a chiseled square in the N edge of a 5' sidewalk, 19' N of the NW corner of a brick church "Faith United Methodist Church, 9031 E. 16th Street, 600' +/- E of

Post Road.

ELEV. 861.78

WARREN 124

General coordinates: 9000E & 2500N

Sec. 30-16-5: County BM, cut 'x' in S flange bolt of a fire hydrant, 25' N of the intersection of Roy Road and 93' W of the intersection of Boehning Avenue, 310' +/- W of the intersection of Post Road.

ELEV. 871.53

WARREN 125 Destroyed 9/13/05 TG

~~General coordinates: 9000E & 3000N~~

~~Sec. 30-16-5: County BM, cut square in concrete porch of Warren Township Elementary School at the SW corner of 30th Street and Post Road Building which is a two-story brick building.~~

~~ELEV. 880.96~~

WARREN 126

General coordinates: 3800N & 9800E

Sec. 20-16-5: County BM, cut square in the NW corner of the concrete top of manhole, 30' W of the intersection of Tudor Park Drive and 65' S of intersection of 38th Street, Indianapolis Water Company manhole.

ELEV. 853.91

WARREN 127

General coordinates: 10000E & 3500N

Sec. 21-16-5: County BM, a chiseled square in the concrete railroad crossing of the CCC and St. L RR at Mitthoefer Road, 28' E of Mitthoefer Road and 6' N of the tracks.

ELEV. 856.63

WARREN 128 Destroyed 8/30/05 TG

~~General coordinates: 3000N & 10000E~~

~~Sec. 21-16-5: County BM, cut square in the N end of the concrete headwall at the intersection of Mitthoefer Road and E. 30th Street, 30' E of Mitthoefer Road and 40' N of E. 30th Street.~~

~~ELEV. 854.10~~

WARREN 129

General coordinates: 10000E & 3500N

Sec. 20-16-5: County BM, railroad spike in the N side of a power pole #62-451AA at the intersection of CCC & St. L RR and Hunter-Mitthoefer ditch, 50' S of the tracks and 22' W of the flowline of the ditch; 4' above the ground.

ELEV. 869.60

WARREN 130

General coordinates: 10000E & 2400N

Sec. 28-16-5: Indiana State Highway Comm, standard bronze disk, stamped MAR G-190, in N end of E curb of Mitthoefer Road bridge over I-70, 16.5' S of the N end of the curb.

ELEV. 889.06 ISHC checked 3/83 889.00

WARREN 130A Destroyed 9/13/05 TG

~~General coordinates: 1700N & 10000E~~

~~Sec. 32-16-5: Level run in from W-130, MCS, NOTE: WR-130 (ISHC MAR G-190) lowered 0.06' per ISHC report 3/83, NE corner of bottom step of porch at entrance to one story frame house 1630 at SW corner of 17th Street and Mitthoefer Road, 62' S of the centerline of 17th Street, 117' W of the centerline of Mitthoefer Road.~~

~~ELEV. 859.84~~

WARREN 131

General coordinates: 3450N & 9350E

Sec. 20-16-5: County BM, cut square in S concrete handrail on the intersection of concrete bridge over Hunter-Mitthoefer ditch, on Rochelle Drive just E of Ireland Drive.

ELEV. 861.41

WARREN 132

General coordinates: 200S & 10500E

Sec. 4-15-5: County BM, cut square in the N end of the E abutment of the PCC RR trestle over Grassy creek.

ELEV. 833.42

WARREN 133

General coordinates: 2500N & 5500E

Sec. 27-16-4: Indiana State Highway Commission Benchmark, standard disk, stamped MAR G-270 at the NW corner of I-70 bridge over Ritter Avenue.

See Warren:170

ELEV. 846.715

WARREN 134 UPDATE: 8/92 CHANGED: **ELEVATION IN QUESTION**

General coordinates: 3000N & 8000E

Sec. 25-16-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-177, set in the top of the S end of the SW wingwall of the S bound lane bridge on I-465 over E. 30th Street.

ELEV. 877.79

WARREN 135

General coordinates: 500S & 7000E

Sec. 12-15-4: Indiana State Highway Commission, standard bronze disk set in the SW corner of the S bound lane of SR 100 over English Avenue. Mid-States ELEV. 851.71

WARREN 136

General coordinates: 7000E & 100S

Sec. 2-15-4: Indiana State Highway Commission, standard bronze disk, in the NW corner of the W bound lane of US 40 bridge over Shadeland Avenue (SR 100). ELEV. 846.95

WARREN 137

General coordinates: 7000E & 100S

Sec. 12-15-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-39, set in the NW corner of W Penn abutment over Shadeland Avenue (SR 100), 0.2 miles S of US 40. ELEV. 846.42

WARREN 139

General coordinates: 6800E & 2800S

Sec. 23-15-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-61, set in the SW corner of Hunter Road bridge over I-74.

ELEV. 871.36

WARREN 139A Reported new bridge and destroyed '06 Gibson Surveying

General coordinates: 6000E & 2200S

Sec. 14-15-4: A chiseled square on the NW corner of the N headwall about 80' E of Arlington Avenue on Raymond Street. ELEV. 836.29

WARREN 140

General coordinates: 2500S & 7000E

Sec. 24-15-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-62, set in the SE corner of the E bound lane of I-74 over I-465. ELEV. 876.28

WARREN 141

General coordinates: 7000E & 2200S

Sec. 13-15-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-127, set in the NW corner of Raymond Street bridge over I-465. ELEV. 872.75

WARREN 141A

General coordinates: 2200S & 8000E

Sec. 24-15-4: The NE corner of the porch stoop on the E side of the one-story brick house at 2136 Franklin Road at Raymond Street.

ELEV. 861.88

WARREN 141B

General coordinates: 6000E & 2200S

Sec. 23-15-4: Run in from W 141 MCS 7/88, JOB#880049, TBM # 1, the intersection of Arlington Avenue and Raymond Street cut square in NW end of bridge, 100' E of Arlington Avenue and 20' N of Raymond Street.

ELEV. 836.22

WARREN 142

General coordinates: 500N & 7000E

Sec. 12-15-4: set in the NW corner of the W abutment of B & O railroad over Road 100 (Shadeland Avenue).

ELEV. 852.18

WARREN 143

General coordinates: 7000E & 1100S

Sec. 12-15-4: Indiana State Highway Commission, standard bronze disk stamped, MAR G-130, set in the NW corner of Brookville Road bridge over SR 100 (Shadeland Avenue).

ELEV. 855.33

WARREN 144

General coordinates: 2000S & 7000E

Sec. 13-15-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-131, set in the SW corner of the N bound lane of SR 100 (Shadeland Avenue) exit off N bound lane of I-465. ELEV. 865.02

WARREN 145

General coordinates: 3800N & 8000E

Sec. 13-16-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-154, set in the NW corner of E. 38th Street over I-465.

NOTE : See L-102

ELEV. 890.49

WARREN 145A

General coordinates: 8600E & 3800N

Sec. 19-16-5: SW corner of concrete walk to porch of one-story stone house 8600 E. 38th Street at the SW corner of the house. ELEV. 869.80
Run in from W 145, MCS, 12/76.

WARREN 146

General coordinates: 2100N & 7800E
Sec. 36-16-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-155, set in the SW corner of the S bound lane of I-465 over E. 21st Street. ELEV. 868.56

WARREN 147

General coordinates: 1600N & 7000E
Sec. 36-16-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-156, set in the NW corner of E. 16th Street over I-465. ELEV. 876.83

WARREN 148

General coordinates: 100S & 8000E
Sec. 1-15-4: Indiana State Highway Commission, standard bronze disk stamped, MAR G-157, set in the SW corner of the S bound lane of I-465 bridge over US 40. ELEV. 874.46

WARREN 149

General coordinates: 8000E & 200S
Sec. 12-15-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-158, set in the SW corner of the S bound lane of I-465 over PCC RR, 700' S of US 40. ELEV. 876.37

WARREN 150

General coordinates: 200S & 8000E
Sec. 12-15-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-159, set in the SW corner of the S bound lane of I-465 over PCC RR 1/4 mile S of US 40. ELEV. 874.43

WARREN 151

General coordinates: 500N & 8000E
Sec. 12-15-4: Indiana State Highway Commission, standard brass disk, stamped MAR G-160, set in the SW corner of English Avenue and I-465, 17.5' E of the W end of the S curb of English Avenue bridge over I-465, 0.9 miles S of US40 over I-465. ELEV. 880.10

WARREN 152

General coordinates: 200S & 8000E

Sec. 12-15-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-161, set in the SW corner of I-465 in the S bound lane over B & O railroad. ELEV. 880.06

WARREN 153

General coordinates: 1100S & 7000E

Sec. 13-15-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-162, set in the SW corner of I-465 S bound lane over Brookville Road. ELEV. 863.54

WARREN 154 (Re-set 10-10-01 as G-378 new elevation: 888.280 per Civil Environment)

General coordinates: 3000N & 7000E

Sec. 25-16-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-169, set in the SW corner of the S-bound lane of I-465 over PCC Railroad, 500' S of E. 30th Street. ELEV. 886.33
* AKA: CCC & St. L. Railroad

WARREN 155

General coordinates: 8000E & 2400N

Sec. 25-16-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-178, set in the SW corner of the S bound lane of I-465 over I-70. ELEV. 866.79

WARREN 156

General coordinates: 2400N & 8000E

Sec. 25-16-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-179, set in the SW corner of the N bound lane of I-465 on the ramp over I-70 from E bound I-70. ELEV. 864.04

WARREN 157

General coordinates: 2400N & 8000E

Sec. 25-16-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-180, set in the NW corner of the N bound lane of I-465 ramp over I-465 from E bound I-70. ELEV. 887.35

WARREN 158

General coordinates: 2400N & 8000E

Sec. 25-16-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-181, set in the NE corner of the S bound lane on ramp to I-465 from E bound I-70.

ELEV. 870.18

Also: see: Indiana State Highway Commission, standard bronze disk, stamped MAR G-347, set in the NE end of the S bound lane on ramp to I-465 from W bound I-70, set in the top of a 3' high concrete guardrail.

ELEV. 875.26

WARREN 160

General coordinates: 7000E & 2500S

Sec. 23-15-4: Indiana State Highway Commission, standard brass plate, stamped MAR G-105, set in the S end of the curb of the bridge on US 421 over I-465, 2' N of the S end of the curb, 0.5 miles W of I-74.

ELEV. 874.87

WARREN 161

General coordinates: 11000E & 2300N

Sec. 28-16-5: Indiana State Highway Commission, standard bronze disk, stamped MAR G-191, set in the NW corner of I-70 W bound lane over Grassy Creek.

ELEV. 838.82

WARREN 162

General coordinates: 11000E & 2300N

Sec. 27-16-5: Indiana State Highway Commission, standard bronze disk, stamped MAR G-192, set in the NE corner of German Church Road over I-70.

ELEV. 863.45

WARREN 163

General coordinates: 11800E & 2300N

Sec. 27-16-5: Indiana State Highway Commission, standard bronze disk, stamped MAR G-193, set in the NE corner of Cumberland Road over I-70.

ELEV. 879.33

WARREN 164

General coordinates: 7000E & 2300N

Sec. 25-16-4: Indiana State Highway Commission, standard bronze disk stamped MAR G-201, set in the NW corner of the W bound lane of I-70 over Shadeland Avenue (SR 100).

ELEV. 862.15

WARREN 165

General coordinates: 3800N & 7000E

Sec. 14-16-4: Indiana State Highway Commission, standard bronze disk stamped MAR G-242, set in the SW corner of Shadeland Avenue (SR 100) over PCC RR, 0.3 miles N of the intersection of Pendleton Pike and Shadeland Avenue. ELEV. 883.25

WARREN 166

General coordinates: 5100E & 2500N

Sec. 27-16-4: Indiana State Highway Commission, standard bronze disk stamped MAR G-266, set in the NE corner of Emerson Avenue over I-70. ELEV. 831.445

WARREN 167

General coordinates: 5100E & 2300N

Sec. 27-16-4: Indiana State Highway Commission, standard bronze disk stamped MAR G-267, set in the NE corner of Emerson Avenue over PCC Railroad about 2300 N. ELEV. 839.42

WARREN 168 (Called in destroyed and replaced 11-23-04)

General coordinates: 2600N & 6500E

Sec. 26-16-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-268, set in the NW corner of the W bound lane of I-70 over PCC railroad 2600 N. ELEV. 887.37
ISHC 3/83 887.38

WARREN 168 (replaced with G-384)

A new one was set and called G-384. At mile marker 88.08. It is on the NE wingwall of the same bridge. (As above) ELEV. 887-460

Description given by EMHT Surveying. 11-23-04

WARREN 170

General coordinates: 5500E & 2500N

Sec. 27-16-4: Indiana State Highway Commission, standard bronze disk, stamped MAR G-270, set in the NW corner of the W bound lane of I-70 over Ritter Avenue. ELEV. 846.715

Also: See W-133

WARREN 171

General coordinates: 1000N & 8000E

Sec. 36-16-4: Indiana State Highway Commission, standard brass disk, stamped MAR G-168, set in the top of the SW wingwall of the S bound lane bridge over E. 10th Street & I-465, 3.9' N of the S end of the wing. ELEV. 880.23

WARREN 172

General coordinates: 1100S-11500E

Sec. 15-15-5: County Benchmark: Muessing Creek & Prospect Street. Benchmark on bridge : square cut in concrete northeast corner of northeast wingwall. ELEV. 859.96

WARREN 7000

General coordinates : 10500E & 1100S, Section 9-15-5, CUMBERLAND QUAD: MARK IS A BRASS PIN IN OCTAGON PLATE STAMPED 7000. Set in the northwest corner of the Prospect Street bridge over Grassy Creek. +/- 0.5 miles west of German Church Road, set in the top of the bridge walk 69 feet west of the centerline of Grassy Creek, 13.2 feet north of the centerline of Prospect Avenue 1 foot east of the west end of walk.

ELEVATION: 250.096 METERS

WARREN 7001

General coordinates: 11500E & 1100S, Section 10-15-5, CUMBERLAND QUAD: MARK IS A MARION COUNTY BENCHMARK DISK STAMPED 7001. Set in the southeast corner of the Prospect Avenue bridge over Buck Creek, +/- 0.5 miles east of German Church Road, +/- 0.5 miles west of Carroll Road, set in the bridge walk 72 feet east of the centerline of Buck Creek, 16 feet north of the centerline of Prospect Avenue 1 foot north of the north face of the south handrail. ELEVATION: 249.805 METERS

WARREN 7002

General coordinates : 12000E & 800 S, Sec. 3-15-5 CUMBERLAND QUAD : Mark is a Hancock County Benchmark disk stamped 7002. Set in the southwest corner of the Carroll Road bridge over Buck Creek. Disk marked Hancock County Indiana Benchmark disk set on ledge of the bridge. 16.7 feet west of centerline of Carroll Road. 11.3 feet north of the southwest end of the concrete handrail of the bridge. About level with the bridge desk. July 1999. NAVD 88 Warren Township Loop # 1

ELEVATION: 251.530 Meters

WARREN 7003

General coordinates: 11000E & 1100S, Section 16-15-5, CUMBERLAND QUAD: MARK IS A CUT SQUARE. Cut in the northeast end of the "U" shaped headwall located in the southwest corner of the intersection of German Church Road and Prospect Street, in the northeast corner of the Creston Middle School yard, 23 feet south of the centerline of Prospect Street, 45 feet west of the centerline of German Church Road, 1.6 feet north of the centerline of the culvert pipe and 1.6 feet below the surface of Prospect Street.

ELEVATION: 255.151 METERS

